

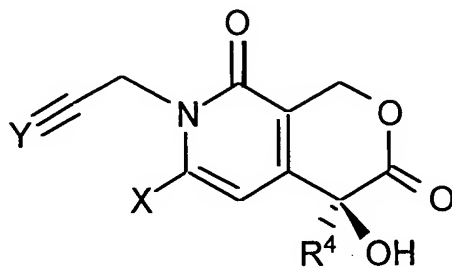
IN THE CLAIMS:

This listing of claims, in which Claims 19-23 are amended, and Claims 1-18 are canceled without prejudice, replaces all prior versions, and listings, of claims in the application:

Claims listing

Claims 1-18 (Canceled).

19. (Currently Amended) A chemical compound having the formula

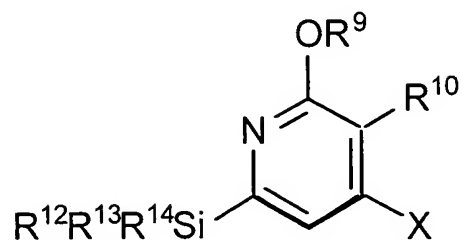


wherein X is selected from the group consisting of is Br and I, Y is selected from the group consisting of -N and or -C-R³, R³ is selected from the group consisting of hydrogen, a normal alkyl group, a branched alkyl group, an allyl group, a benzyl group, an alkynyl group, a propargyl group, an alkoxyl group, a halo group, a trialkylsilyl silyl group, an amino group, an alkyl amino group, a dialkylamino group, an aminoalkyl group, a cyano group, and or an acyl group and R⁴ is selected from the group consisting of an alkyl group, an allyl group, a propargyl group, nitrogen, -CH₂Cl, a 4-methylpyrazinomethyl group and or a benzyl group.

20. (Currently Amended) The chemical compound of Claim 19 wherein R⁴ comprises is an ethyl group -CH₂CH₃.

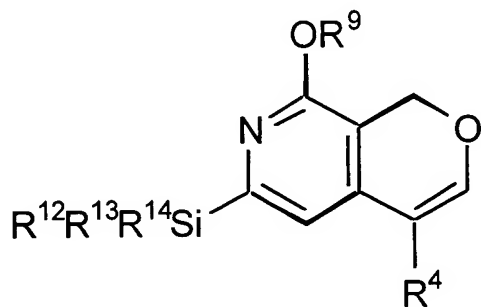
21. (Currently Amended) The chemical compound of Claim 19 wherein R³ is selected from the group consisting of hydrogen, an ethyl group, a trimethylsilyl group, nitrogen, -CH₂Cl and or a 4-methylpyrazinomethyl group.

22. (Currently Amended) A chemical compound having the formula



wherein R^9 is selected from the group consisting of a normal alkyl group or and a branched alkyl group and wherein R^{10} is selected from the group consisting of $-\text{CHO}$ and U or $-\text{CH}_2\text{OCH}_2\text{CH}=\text{CHR}^{11}$, wherein R^{11} is selected from the group consisting of an alkyl group, a vinyl group, an ethynyl group and or a phenyl group, wherein R^{12} , R^{13} and R^{14} are independently selected from an alkyl group and or an aryl group, and wherein X is selected from the group consisting of I and or Br .

23. (Currently Amended) A chemical compound having the formula



wherein R^9 is selected from the group consisting of a normal alkyl group and or a branched alkyl group, wherein R^4 is selected from the group consisting of an alkyl group, an allyl group, a propargyl group and or a benzyl group and wherein R^{12} , R^{13} and R^{14} are independently selected from an alkyl group and or an aryl group.